

TITLE

PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-CYCLOALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF LEVULINIC ACID WITH ARYL AMINES

5

ABSTRACT OF THE DISCLOSURE

This invention relates to a process for producing 5-methyl-N-aryl-2-pyrrolidone and 5-methyl-N-cycloalkyl-2-pyrrolidone by reductive amination of levulinic acid or its derivatives with aryl amines, ammonia or 10 ammonium hydroxide utilizing a metal catalyst, which is optionally supported.

15

20

25

30

35

IYB/dmm